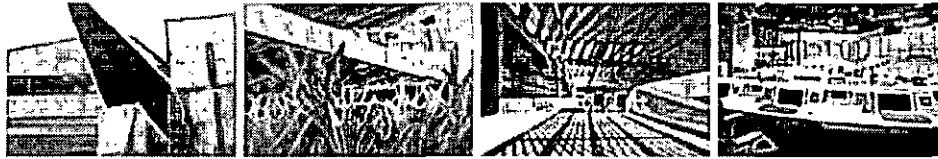


AUSTIN CITY COUNCIL

AGENDA



Thursday, September 28, 2006

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Public Works RECOMMENDATION FOR COUNCIL ACTION

ITEM No. 39

Subject: Authorize an increase in the design-build agreement for the Austin-Bergstrom International Airport (ABIA) Terminal Baggage Screening Improvements Project with HENSEL PHELPS CONSTRUCTION CO., Austin, TX, in the amount of \$560,113, for a total amount not to exceed \$22,960,113.

Amount and Source of Funding: Funding in the amount of \$560,113 is included in the Fiscal Year 2005-2006 Amended Capital Budget of the Aviation Department.

Fiscal Note: A fiscal note is attached.

For More Information: Tony Krauss 974-7138; Ron Gentry, 530-6603; Laura Bohl, 974-7064.

MBE/WBE: 26.74% DBE subcontractor participation to date (design phase); 17.65% DBE subcontractor participation to date (construction phase).

Boards and Commission Action: Recommended by the Austin Airport Advisory Commission.

Prior Council Action: Approved the use and selection criteria of a Design/Build Contract as an alternative contract procurement process for the Terminal Baggage Screening Improvements at ABIA on July 17, 2003. Approved negotiation and execution of a design-build agreement with Hensel Phelps Construction Co. in an amount not to exceed \$14,500,000 on December 11, 2003. Authorized an increase in the design-build agreement for the ABIA Terminal Baggage Screening Improvements with Hensel Phelps Construction Co. of \$7,000,000, which, when added to the original approved amount of \$14,500,000, revised the agreement amount to an amount not to exceed of \$21,500,000 on February 3, 2005. Authorize an increase in the design-build agreement for the ABIA Terminal Baggage Screening Improvements with Hensel Phelps Construction Co. of \$900,000 for a total not to exceed \$22,400,000 on May 18, 2006.

Additional Backup Material

(click to open)

- ☐ FISCAL NOTE
- ☐ COMMISSION RECOMMENDATION
- ☐ M/WBE SUB GOALS

This project consists of Design-Build services for the design and construction of the Austin-Bergstrom International Airport (ABIA) Terminal Baggage Screening Improvements Project. There are currently six Explosive Detection System (EDS) machines on the Terminal Concourse Level at ABIA, installed in December 2003, which will be replaced under this contract.

CIP BUDGET FISCAL NOTE

DATE OF COUNCIL CONSIDERATION:
WHERE ON AGENDA:
DEPARTMENT:

28-Sep-06
Resolution
Aviation

Description: Authorize increase in the design-build agreement for the Austin-Bergstrom International Airport (ABIA) Terminal Baggage Screening Improvements Project with HENSEL PHELPS CONSTRUCTION CO., Austin, Texas, in the amount of \$560,113, for a total amount not to exceed \$22,960,113.

FINANCIAL INFORMATION:

Project Name:	ABIA Baggage Screening Improvements
Project Authorization:	2005-06 Capital Budget
Funding Source:	Airport Capital Fund
	Entitlement grants
	Passenger Facility Charges
Fund/Agency/Orgn:	4910-817-3072

Current Appropriation	\$	23,393,270
Unencumbered Balance		564,172
Amount of this Action		<u>(560,113)</u>
Available Balance	\$	4,059

Finance: _____ Date: _____

AUSTIN AIRPORT ADVISORY COMMISSION
Record of Action

DATE: September 12, 2006

AGENDA ITEM: 4 d) Approval of RCA – Authorize increase in the design-build agreement for the Austin-Bergstrom International Airport (ABIA) Terminal Baggage Screening Improvements Project with HENSEL PHELPS CONSTRUCTION CO., Austin, TX, in the amount of \$560,113, for a total amount not to exceed \$22,960,113.

MOTION BY: Steven Hart

SECOND BY: Lauren Mathews

MOTION: To approve the RCA.

MEMBER'S NAME	FOR	AGAINST	ABSTAIN	ABSENT
Richard Hatfield	X			
Carolyn Lowe				X
Scott Madole				X
Hannah Riddering	X			
Phil Williams	X			
Art Barraza	X			
Lauren Mathews	X			
Philip Rosenbaum				X
Steven Hart	X			
TOTALS:	For: 6	Against: 0	Abstain: 0	Absent: 3

RECORDED BY: Richard Hatfield

Construction is almost complete, however, as the installation of the conveyor cutovers moves toward completion and verification of performance, several unanticipated issues have arisen, including:

1. Transfer of bag images from the screening units to the TSA Reconciliation Area in order to facilitate searches of bags for suspect items. The screening unit manufacturer has not received approval to release software to do this, so ABIA had to request software development by Hensel Phelps Construction for this. Cost \$200,373
 2. Unanticipated expense to replace HVAC units and to install new catwalks for maintenance access required by building code. Cost \$359,740
- TOTAL** **\$560,113**

Funding for the total Hensel Phelps Construction Co. contract for the ABIA Terminal Baggage Screening Improvements consist of (1) FAA grant, \$12,375,000, (2) Passenger Facility Charges, \$4,125,000, and (3) interim funding from the airport's Capital Fund.

<u>ACTION</u>	<u>DESCRIPTION</u>	<u>AMOUNT</u>
12/19/2003	Professional Services Agreement	\$14,500,000.00
2/3/2005	Increase in Authorized funding	\$ 7,000,000.00
5/18/2006	Increase in Authorized funding	\$ 900,000.00
Proposed	Increase in Authorized funding	<u>\$ 560,113.00</u>
		\$22,960,113.00

The contractor's choice of work methodology provides for 37 areas of subcontracting opportunities: administrative services, cost estimating, structural engineering, architectural consulting, architects & engineers, baggage simulations, city systems, graphic design, reproduction, baggage handling design, structural consulting, masonry, granite, structural steel & deck, paneling, fireproofing, aluminum doors, glazing film, terrazzo, carpet and resilient tile, scales, signage, fire protection, furnishings, fire alarm & security, radio, telecommunications, hoists, HVAC & plumbing, electrical, PA system, temporary relocations, DOC relocation, concrete, drywall, ceilings, doors, project controls, scheduling, and architectural finishes.

Participation goal stated for the design phase of the project was 20% DBE. Total participation estimated on this revised authority is as follows:

NON-DBE TOTAL – PRIME (Design)	\$ 681,753.00	20.926%
Hensel Phelps Construction Co.	\$ 681,753.00	20.926%
DBE TOTAL – SUBCONTRACTORS (Design)	\$ 871,288.00	26.744%
(MB) Haynes-Eaglin-Waters, Austin, TX (proj ctls supt)	\$ 193,237.00	5.931%
(MH) Jose I. Guerra, Inc., Austin, TX (struc. eng.)	\$ 96,140.00	2.951%
(MH) Sunland Group, Inc., Austin, TX (architectural)	\$ 123,755.00	3.799%
(MH) Transsolutions, Ft. Worth, TX (baggage simulations)	\$ 188,576.00	5.788%
(FB) Business Resource Consultants, Austin, TX (city sys)	\$ 28,050.00	0.861%
(FR) Architecture Plus, Austin, TX (graphic design)	\$ 122,920.00	3.773%
(FR) Dynamic Reproductions, Austin, TX (reproduction)	\$ 114,530.00	3.515%
(MH) Macias & Assoc., Austin, TX (Land Surveyor)	\$ 4,080.00	0.126%

<u>NON M/WBE TOTAL – SUBCONSULTANTS (Design)</u>	<u>\$1,704,822.00</u>	<u>52.33%</u>
Page Southerland Page, Austin, TX (architects & engrs)	\$904,933.00	27.777%
Architecture Engineers Collaborative, Austin, TX (struc.)	\$ 48,530.00	1.49%
BNP Associates, Inc., Denver, CO (baggage hndlg design)	\$731,859.00	22.464%
Kroll Schiff & Assoc., Bastrop, TX (security consult.)	\$ 19,500.00	0.599%

Overall design participation including this amendment: 26.74% DBE.

Participation goal stated for the construction phase of the project was 20% DBE. Total participation estimated on this revised authority is as follows:

<u>NON-DBE TOTAL – PRIME (Construction)</u>	<u>\$4,373,698.00</u>	<u>22.199%</u>
Hensel Phelps Construction Co.	\$4,373,698.00	22.199%

<u>DBE TOTAL – SUBCONTRACTORS (Construction)</u>	<u>\$3,191,925.00</u>	<u>16.20%</u>
(MB) Haynes-Eaglin-Waters, Austin, TX (DOC Relocat.)	\$ 178,853.00	0.908%
(MB) Haynes-Eaglin-Waters, Austin, TX (temp relocation)	\$ 299,705.00	1.521%
(MH) TAG Electric, Austin, TX (electrical)	\$1,300,649.00	6.602%
(MR) Darcom Telcom, Austin, TX (telecommunications)	\$ 117,671.00	0.597%
(FH) R&R Enterprises, Austin, TX (electrical equip)	\$ 83,856.00	0.426%
(FH) DeLeon Insulation, Austin, TX (insulation)	\$ 86,985.00	0.441%
(MA) Kamo Energy, Inc., Austin, TX (HVAC controls)	\$ 206,120.00	1.046%
(MB) Lynx Systems, Austin, TX (cleaning)	\$ 24,612.00	0.125%
(MB) Haynes-Eaglin-Waters, Austin, TX (drywall, doors)	\$ 541,999.00	2.751%
(MH) MAC Inc., Austin, TX (concrete)	\$ 199,430.00	1.012%
(MH) DAVCAR Engineering, Austin, TX (scheduling)	\$ 152,045.00	0.772%

<u>NON M/WBE TOTAL – SUBCONTRACTORS (Const.)</u>	<u>\$12,136,627.00</u>	<u>61.60%</u>
CNI, Inc. ,OK (conveyor components)	\$ 286,034.00	1.452%
R&R Masonry, Round Rock, TX (masonry)	\$ 38,001.00	0.193%
Austin Stone & Tile, Austin, TX(granite)	\$ 7,385.00	0.037%
MSI, Kyle, TX (steel & metal decking)	\$422,784.00	2.146%
Diversified Thermal, Austin, TX (fireproofing)	\$ 73,231.00	0.372%
Texas Access Controls Houston,TX (aluminum entry doors)	\$ 5,400.00	0.027%
Sunsational Solutions, Austin, TX (solar control film)	\$ 2,635.00	0.013%
Intertech Flooring, Austin, TX (carpet & resilient tile)	\$128,788.00	0.654%
Austin Coatings, Austin, TX (painting)	\$ 100,813.00	0.512%
Division Scales (scales)	\$ 7,492.00	0.038%
Signage (signs)	\$ 940.00	0.005%
Simplex Grinnell, Round Rock, TX (fire protection)	\$633,262.00	3.214%
NEC (telecommunications)	\$ 82,966.00	0.421%
Siemens Logistics, Dallas, TX (baggage handling system)	\$5,898,684.00	29.939%
Gorman Industrial El Paso, TX (electric chain hoists)	\$ 22,365.00	0.114%
The Porter Co. Manchaca, TX (electrical)	\$1,128,524.00	5.728%
Hill Electric Co., Austin, TX (electrical)	\$1,283,883.00	6.516%
Ford A-V, Austin,TX (public address)	\$ 8,444.00	0.043%

Liebert Corp. (computer support)	\$ 51,394.00	0.262%
Consolidated Electric Dist, Inc., San Antonio, TX (elec)	\$110,661.00	0.562%
International RAM, Austin, TX (manpower)	\$265,000.00	1.345%
Universal Plant Services (millwrights)	\$1,503,573.00	7.631%
Moore Erection, (steel erection)	\$ 37,264.00	0.189%
Industrial Rigging Services, Austin, TX (rigging)	\$ 14,104.00	0.072%
Graebel Moving Co., San Antonio, TX (moving)	\$ 23,000.00	0.117%

Overall construction participation including this amendment: 17.65% DBE.